

Date: Mon, 9 Aug 93 04:30:10 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #963  
To: Info-Hams

Info-Hams Digest                      Mon, 9 Aug 93                      Volume 93 : Issue 963

Today's Topics:

\*\*\*\* Schematic of MM 6 Meter transverter ??? \*\*\*\*  
\*\*\* Schematics for MM 6m transverter ?? \*\*\*  
900 meg bandplan???

If I call FCC, cab they tell me what my new call is?  
Moonbounce or meteor scatter, which is easier ?  
New 97.113 Text  
Westlink available on net?  
Wire colors (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Sun, 8 Aug 1993 21:46:15 GMT  
From: tandem!news@uunet.uu.net  
Subject: \*\*\*\* Schematic of MM 6 Meter transverter ??? \*\*\*\*  
To: info-hams@ucsd.edu

Help! I need the schematic diagrams for the MicroWave Modules 6m to 10m  
transverter. My manual is missing several sheets of the schematic (including  
the one I need!).

Will pay copying costs and postage!

Thanks!  
Stu N6TT0

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Date: Sun, 8 Aug 1993 21:50:19 GMT  
From: tandem!news@uunet.uu.net  
Subject: \*\*\* Schematics for MM 6m transverter ?? \*\*\*  
To: info-hams@ucsd.edu

From: stu@Tandem.com (Stuart Phillips)  
Newsgroups: rec.radio.amateur.misc,rec.radio.amateur.swap  
Subject: \*\*\*\* Schematic of MM 6 Meter transverter ??? \*\*\*\*  
Expires:  
References:  
Sender:  
Followup-To:  
Distribution: world  
Organization: Tandem Computers  
Keywords:

Help! I need the schematic diagrams for the MicroWave Modules 6m to 10m transverter. My manual is missing several sheets of the schematic (including the one I need!).

Will pay copying costs and postage!

Thanks!  
Stu N6TT0

-----  
Date: Mon, 9 Aug 1993 07:03:35 GMT  
From: usc!sdd.hp.com!math.ohio-state.edu!magnus.acs.ohio-state.edu!  
usenet.ins.cwru.edu!agate!iat.holonet.net!bwilkins@network.ucsd.edu  
Subject: 900 meg bandplan???  
To: info-hams@ucsd.edu

gary@ke4zv.uucp (Gary Coffman) writes:  
: In article <1993Aug08.043546.176698@zeus.calpoly.edu> carndt@tuba.calpoly.edu  
(Chris Arndt) writes:  
: >I'm interested in amateur 900 meg activities. I use 900 at work, and  
: >would like to apply some of that hard earned knowledge off hours.  
: >  
: >The ARRL FCC Rule Book shows the 33 cm bandplan with repeater inputs at  
: >918-921 and outputs 12 mhz lower at 906-909.  
: >  
: >The California 900 meg section of the ARRL Repeater Directory shows  
: >repeaters with inputs in 902, and outputs in 927, a 25 meg split. This  
: >is closer to the 24 meg split (928-952) of my commercial  
: >point-multipoint gear.  
: >

: >How can I find out more about this "California split"? It sure would  
: >make using some of my used commercial gear easier!  
:  
: Chris, I have a \*bunch\* of Grainger and Motorola point-multipoint  
: gear that's being pressed into data repeater service down here in  
: the South. If I have my way, we too will adopt a California style  
: split, though we intend to stay at 24 MHz rather than moving to  
: 25 MHz since the gear is already set up for that. The key thing  
: is to populate this band before we lose it, and adopting the  
: commercial split makes that a lot easier.  
:  
: Gary

Here in California the Primary users of the 902 MHz band have graciously allowed us to operate in the one MHz segments on the band edges. Our band plan calls for narrow band 2.5 kHz deviation on 12.5 kHz channels. You know, we call it new technology. 902 MHz input in the quiet part of the 900 spectrum and 927 MHz output next to the high power pagers.

We are secondary users of this spectrum. The automatic vehicle location service is primary. There is a major system operating in the southern california los angeles region. Pacific Teletrak will be operating in the central valley and bay area soon.... There are others allready licenced and operating telemetry systems here in the bay area.

Pacific Teletrak a division of pac bell was out in the field quieting noisy theft alarms, located at the doors of record stores and other fine shops in southern california ;) Their attoerneys were also busy quieting those who wouldn't take no for an answer ;( Remember these guys are primary, so we must not interfere with their operations in any way.

Just below us are the Part 15 devices which can operate with up to one watt in the spread spectrum mode on 902 MHz. Good luck trying to find a one watt noise maker on your repeater input. Then try to tell the mis director that his corperate lan is getting into your amateur repeater ! I bet most of them have no clue :)

bob

--

Bob Wilkins      n6fri                      voice 440.250+ 100p1 san francisco bay area  
bwilkins@holonet.net                      packet n6fri @ n6eeg.#nocal.ca.usa.na

-----  
Date: 9 Aug 1993 08:51:29 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!

cleveland.Freenet.Edu!ak667@network.ucsd.edu

Subject: If I call FCC, can they tell me what my new call is?

To: info-hams@ucsd.edu

In a previous article, swamik@orca.ele.uri.edu (Swami Kumaresan) says:

>  
>  
>  
> I call FCC, can they tell me what my new call is?  
> What the phone #?  
>  
>  
>73s  
>

No, they don't actually "create" your call until they're ready to mail it to you. I received mine 2 days after it was "Active"..

--

- N8YNR (Amateur Radio) - | Jeff S. Garvas | Snail mail all Hate Mail,  
- Licensed to transmit - | P.O. Box 25326 | Donations, Anonymous "Hi!"  
146.82 (Cleveland Area Rptr) | Garfield Hgts. OH | <-----  
ak667@po.cwru.edu (InterNet) | 44125 | while \$x=\$x let \$x=\$x+1

-----  
Date: 9 Aug 1993 08:40:23 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!umn.edu!

gaia.ucs.orst.edu!ucs.orst.edu!youngqud@network.ucsd.edu

Subject: Moonbounce or meteor scatter, which is easier ?

To: info-hams@ucsd.edu

I've become interested in sending VHF signals between Corvallis, Oregon and Everett, Washington. Of course, these 2 points are out of range of each other for conventional point to point VHF signals. If I were to focus on moon bounce or meteor scatter propagation, which do you suppose would be easier to accomplish ?

youngqud@ucs.orst.edu Dean Youngquist  
N7LPE youngqud@ucs.orst.edu  
428 N.W. 9th Street Corvallis, Oregon 97330

-----  
Date: Sun, 8 Aug 1993 23:45:48 GMT

From: csus.edu!netcom.com!tenney@decwrl.dec.com

Subject: New 97.113 Text  
To: info-hams@ucsd.edu

In article <1976@arrl.org> lhurder@arrl.org (Luck Hurder KY1T) writes:  
>You may wish to examine it again, Bill. 97.113 (c) specifically and  
>emphatically allows educational use of the Amateur Radio Service.  
>  
>"Prohibit it?" Nah... not a chance.

Where are there any words in the new 113 that specifically allows educational use? The ONLY mention is that teachers can be paid. But (a)(5) still says that use on a regular basis is a no-no. Therefore, if a teacher were to use the amateur services on a regular basis this would clearly be precluded -- education or not.

Please quote the words in 113 that substantiate your (and apparently the league's) position that educational use of the Amateur Radio Service is now specifically and emphatically allowed.

I believe that you are wrong, unless there are some other words outside of the actual 97.113 itself that has the effect of law.

--  
Glenn Tenney  
voice: (415) 574-3420            fax: (415) 574-0546  
tenney@netcom.com            Ham radio: AA6ER

-----  
Date: 8 Aug 1993 20:29:39 -0400  
From: usc!math.ohio-state.edu!darwin.sura.net!udel!news.intercon.com!digex.com!  
digex.net!not-for-mail@network.ucsd.edu  
Subject: Westlink available on net?  
To: info-hams@ucsd.edu

Is Westlink a.k.a. Amateur Radio Newslite available over the net, say in a SoundBlaster file?

If not, what are we waiting for?

--  
bote@access.digex.net (John Boteler)  
WARNING: You are subject to pre-emption!

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Date: 8 Aug 1993 20:33:58 -0500  
From: swrinde!cs.utexas.edu!geraldo.cc.utexas.edu!emx.cc.utexas.edu!not-for-mail@network.ucsd.edu  
Subject: Wire colors  
To: info-hams@ucsd.edu

As Gary KE4ZV and others point out, which is black/white and which is all/no color indeed depends on how you make the colors. Julian's original post was to the effect that the more/less color criterion is ambiguous and you gotta agree with that!

Astronomers are pretty old-fashioned, they still refer to hotter and cooler stars as 'earlier' and 'later' types, from way back when it was thought that stars start off hot and blue, and later cool down to become red ones. Heck, some of us still use Angstroms instead of these here noo-fangled nanometer thangs. What the heck do you measure with a nanometer anyway?

Some of us are so ancient, we own ink pens, harpsichords and Morris keys. We've stopped picking up ladies' handkerchiefs, though. What's a CD?

Derek Wills (AA5BT, G3NMX)  
Department of Astronomy, University of Texas,  
Austin TX 78712. (512-471-1392)  
oo7@astro.as.utexas.edu

-----  
Date: Mon, 9 Aug 1993 04:30:16 GMT  
From: csus.edu!netcom.com!netcomsv!bongo!julian@decwrl.dec.com  
Subject: Wire colors  
To: info-hams@ucsd.edu

In article <2449i6INNdua@emx.cc.utexas.edu> oo7@emx.cc.utexas.edu (Derek Wills) writes:

>Heck, some of us still use Angstroms instead of  
>these here noo-fangled nanometer thangs. What the heck do you measure  
>with a nanometer anyway?

Grandmothers?

>

>We've stopped picking up ladies' handkerchiefs, though.

Good show. Not worth it anymore, instead of nice lacy things with initials on them, they are just soggy bits of paper these days.

What's a CD?

Certificate of Deposit. A good way for gasping geezers to keep their pension money.

--

Julian Macassey, N6ARE julian@bongo.tele.com Voice: (213) 653-4495  
Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

-----  
Date: Mon, 9 Aug 1993 05:08:04 GMT  
From: overload.lbl.gov!agate!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!  
math.ohio-state.edu!darwin.sura.net!gatekeeper.es.dupont.com!esds01.es.dupont.com!  
COLLINST%esvx19.es.@dog.ee.lbl.gov  
To: info-hams@ucsd.edu

References <1993Aug2.161846.7194@Rapnet.Sanders.Lockheed.Com>,  
<23jnp1INN409@network.ucsd.edu>,  
<1993Aug3.172435.29102@Rapnet.Sanders.Lockheed.Com>,<1993Aug5.033805.751@w8hd.org>  
s  
Reply-To : collinst@esvx19.es.dupont.com  
Subject : Re: Bootlegger At ARRL N.E. Convention

I have been reading this thread and find it amazing that so many would do nothing with this questionable operation on a HT. Why the ARRL didn't even take any report or question the lady shows their lack of 'action' on possible illegal operations.

No, I wouldn't try the citizens arrest route. But to call the cops, take down a license plate and report it to the local authorities/FCC wouldn't be out of line IMHO.

But the trully astonishing thread going on here that it is 'none of our business' is suprising. I guess thats why all the lids, some with 10 years + of haming, are getting away with crap like that on 14.300+. Some of us know these arses and do nothing....

Part 97 is for all of us, and if we don't self-police anarchy will rule as it slowly is creeping in on the bands now.

I take pride in the fact that info I fed to the FCC helped them confiscate several thousands of dollars of 11 meter

gear including amps from some local yocals. And I made sure they knew who turned them in. Now I can operate on 10 meters without their splatter.

73, Tom WI3P collinst@esvax.dnet.duPont.com or collinst@holonet.net  
\*\*\*\*\* The comments, opinions, belief, sentiment, views & scribblings \*\*\*\*\*  
\*\*\*\*\* above this signature are mine, and mine alone. They do not \*\*\*\*\*  
\*\*\*\*\* reflect the E.I. DuPont de Nemours Co., Inc., its subsidiaries \*\*\*\*\*  
\*\*\*\*\* and/or its partners nor its employees or shareholders. \*\*\*\*\*

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Date: Sun, 8 Aug 1993 20:49:53 +0000  
From: news!demon!llondel.demon.co.uk!dave@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993Aug4.182253.4359@kocrsv01.delcoelect.com>,  
<1993Aug5.165036.18987@ke4zv.uucp>, <1993Aug7.182438.16356@bongo.tele.com>  
Reply-To : dave@llondel.demon.co.uk  
Subject : Re: Emergency Power Off

In article <2417hsINN7o@mojo.eng.umd.edu> chuck@eng.umd.edu (Chuck Harris - WA3UQV) writes:

> Since Europe made the decision to go to 220v they have had to be extremely  
> careful in its application. 220vac is the BEST AC voltage for accidentally  
> killing humans. It is high enough to allow a fatal amount of current to  
> reach the heart, and low enough that you aren't thrown free by muscle reaction.  
> The AC makes your muscles clench up, making it impossible for you to release  
> your grip. That is why the European wiring standards seem to be  
> so strict.

Just to be pedantic, the UK uses 240V..... although it appears that the Eurocrats want everyone to standardise on 230V now. Nothing wrong with having strict wiring standards either - far safer, even if you are using 110V if you know it is wired properly. But who dispensed with the safety earth? AFAIK the UK seems to be in the minority with 3-pin plugs as standard.

And yes, 240V does bite - I learned that many years ago when trying to wire my Lego motor to the mains when the batteries went flat :-)

Dave

\*\*\*\*\*  
\* G4WRW @ GB7WRW.#41.GBR.EU AX25 \* You think \*you\* have problems? \*  
\* dave@llondel.demon.co.uk Internet \* What do you do if you \*are\* \*  
\* g4wrw@g4wrw.ampr.org Amprnet \* a manically depressed robot?? \*  
\*\*\*\*\*



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Date: Sun, 8 Aug 1993 23:41:17 GMT  
From: usc!wupost!csus.edu!netcom.com!tenney@network.ucsd.edu  
To: info-hams@ucsd.edu

References <1977@arrl.org>, <23u4f4\$58r@gopher.cs.uofs.edu>,  
<steveCB36J.IC3@netcom.com>  
Subject : Re: New 97.113 Text - No argument required ;-)

In article <steveCB36J.IC3@netcom.com> steve@netcom.com (Steven Wilson) writes:  
>What Luck is saying here is that peer pressure about the general ham population  
>considers appropriate is going to rule the day. For instance if the local  
>repeater group still decides that ordering a pizza ain't ok they'll shut  
>the machine off when someone tries it. This will be due to their own  
>philosophy about what is appropriate as opposed to the rules at this point.

Let me get your position straight, Steve... What I do here in Northern  
California on one repeater might be ok, but then be cause for a pink slip  
from an OO in some other area of the country?

Right, these new rules are so clear and unambiguous -- NOT.

--  
Glenn Tenney  
voice: (415) 574-3420 fax: (415) 574-0546  
tenney@netcom.com Ham radio: AA6ER

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End of Info-Hams Digest V93 #963  
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